

SHIPA CITRA

- Gravity **15.9 BLG**
- ABV ---
- IBU **58**
- SRM **6.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **10 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **80 min**
- Evaporation rate **15 %/h**
- Boil size **33 liter(s)**

Mash information

- Mash efficiency **73 %**
- Liquor-to-grist ratio **3.1 liter(s) / kg**
- Mash size **22.3 liter(s)**
- Total mash volume **29.5 liter(s)**

Steps

- Temp **64 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **77 C**, Time **5 min**

Mash step by step

- Heat up **22.3 liter(s)** of strike water to **71.1C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **77C**
- Sparge using **17.9 liter(s)** of **76C** water or to achieve **33 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	6 kg (83.3%)	80.5 %	2
Grain	Weyermann pszeniczny jasny	1 kg (13.9%)	80 %	6
Grain	Strzegom Karmel 150	0.2 kg (2.8%)	71.7 %	120

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	40 g	60 min	12 %
Boil	Citra	30 g	15 min	12 %
Whirlpool	Citra	30 g	30 min	12 %
Dry Hop	Citra	50 g	4 day(s)	12 %
Dry Hop	Citra	50 g	2 day(s)	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-05	Ale	Dry	11.5 g	Safale